

Asian Sources Computer Products

NOVEMBER 1983

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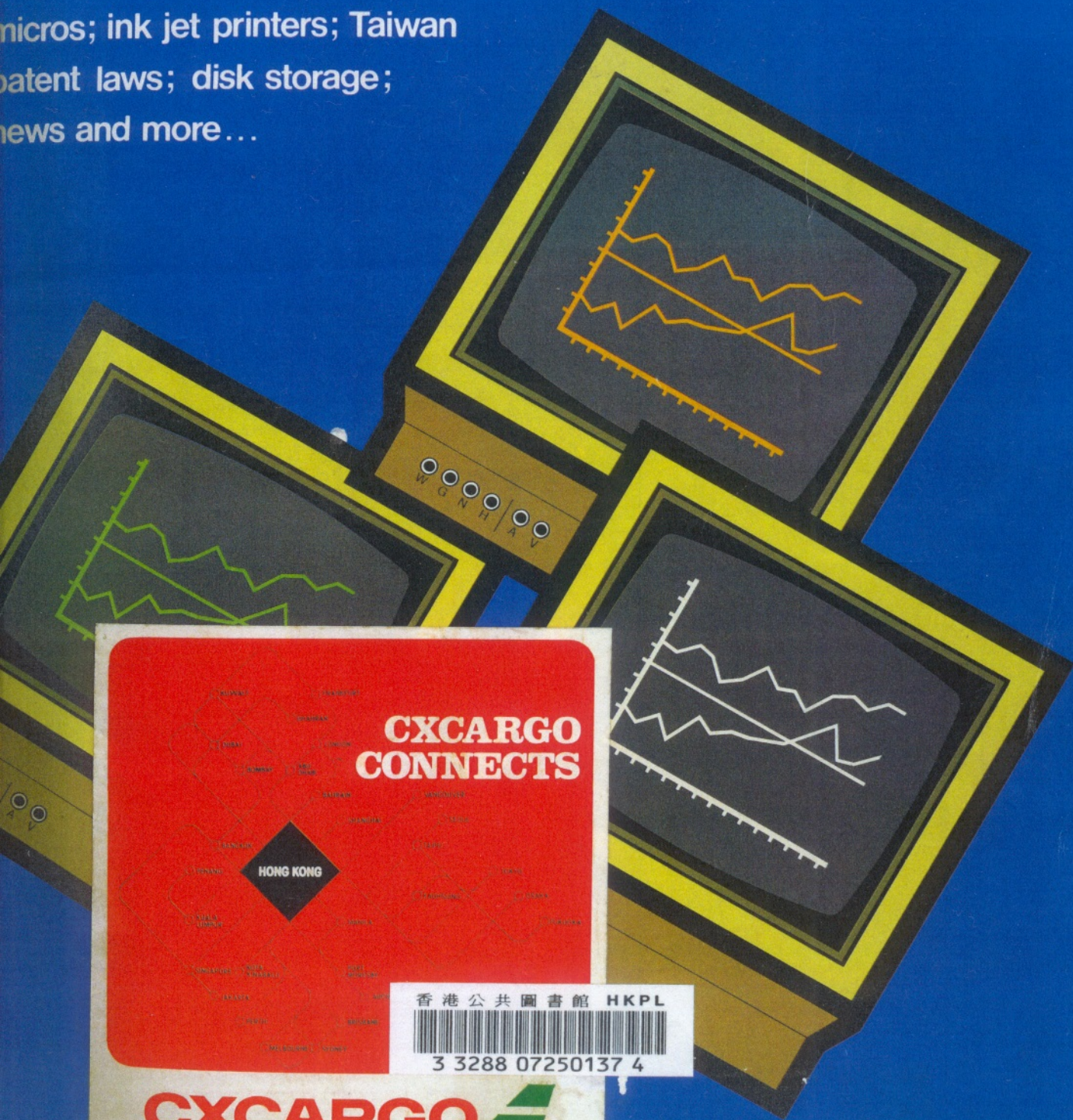
Monochrome monitors: prices low and stable;

PROM programmers; Hong Kong

micros; ink jet printers; Taiwan

patent laws; disk storage;

news and more...



**CXCARGO
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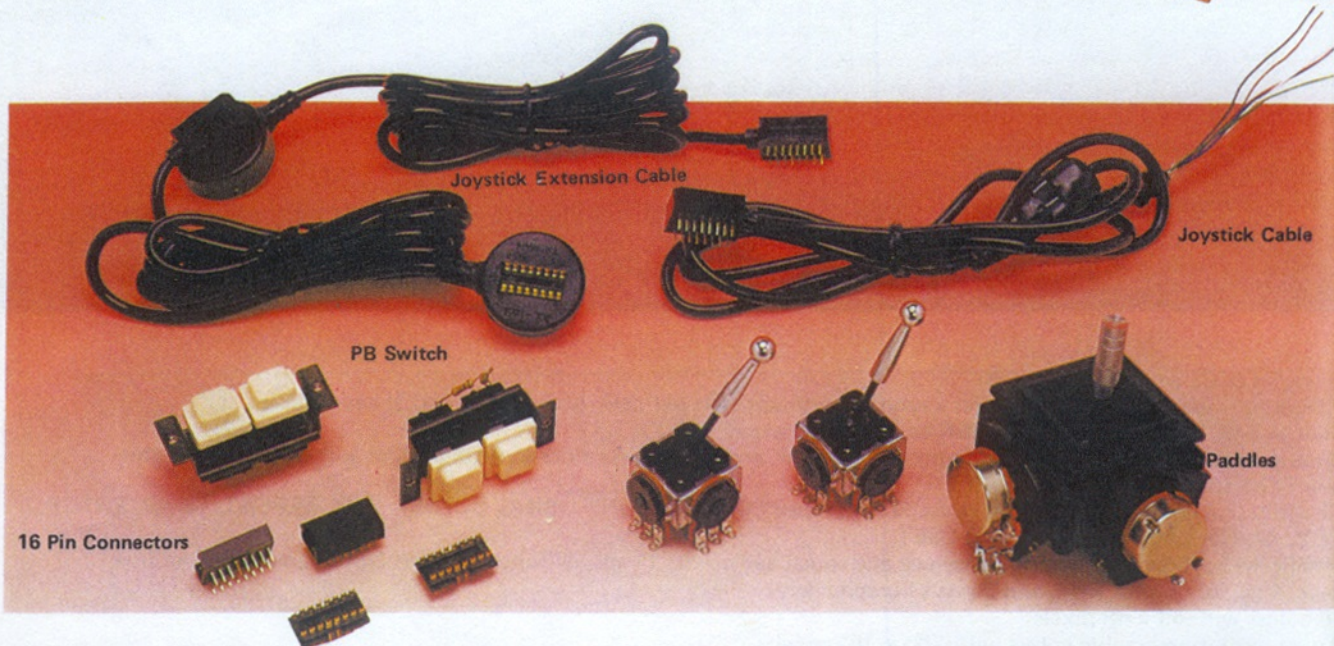
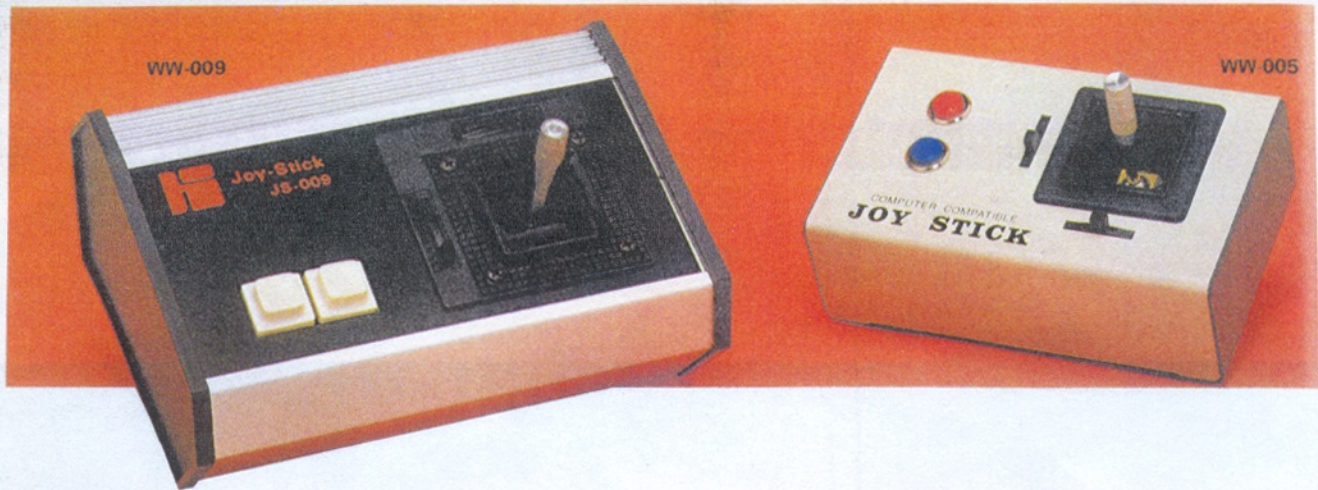


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CXCARGO

The Swire Group





For Top Computer Accessory Profits, Source Our High Quality Joysticks

We specialize in the manufacture and export of joy-sticks, parts, and computer peripherals. Joystick parts are also available. We accept orders any size; in addition, OEM orders are most welcome. The high quality of our products are guaranteed, as is their competitive price. For further details, please get in touch. Your own specifications are acceptable.



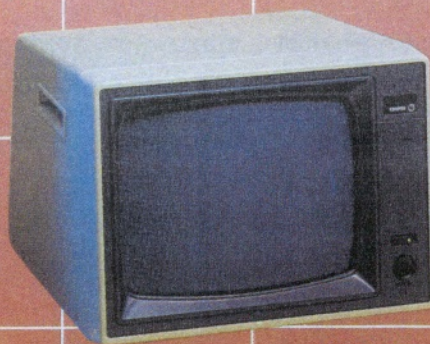
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Flat D, 3/FI., Nam Pond Bldg., 128-136, Nam Chang St., Kowloon, Hong Kong. Cable: 0751. Telex: 40214 WWINN HX. Tel: 3-802835.

THE PROFESSIONAL'S CHOICE IN MICROCOMPUTERS & PERIPHERALS



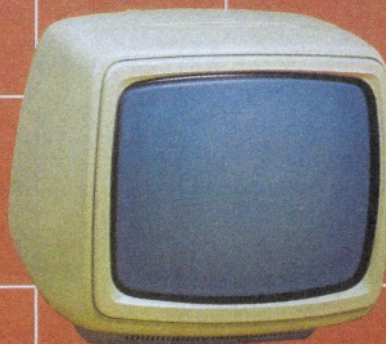
14CT101
14CH102



12HP35



9"/12" TTL



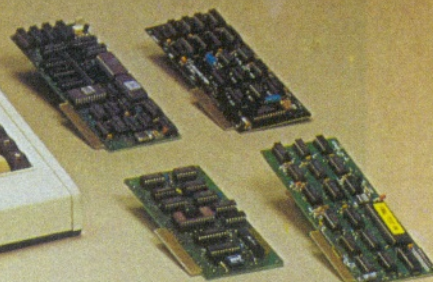
VD-1215



CD-1425



GOLDEN 7



Professionals choose our microcomputers, display monitors, and other peripherals for a single reason: our products feature very high quality at a very competitive price. Of course, there are other good reasons to source from us. We've had over 5 years of experience in software design. We supply a full range of the latest products. We accept your own private labels and designs. And our personnel is the best around. For further details on the professional's choice, please get in touch with us now.



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Cable: RICHCPTR TAIPEI. Telex: 13516 RICHCPTR.
Tel: (02) 773-1741, 773-5900.
(Please send all correspondence to the attention of Mr. Henry Kao).

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&

COLOR MONITORS

THE RELIABLE QUALITY YOU CAN DEPEND ON



PCS-2001 Z-80A plus 6502 Microprocessing Units

- * Switchable 64K RAM bank, fully expandable
- * Built-in disk drive, 80 column, print, and control/reset functions
- * High resolution video display monitor
- * 30° tilt up and down, 60° swivel left and right for user's convenience
- * Separate complete function keyboard



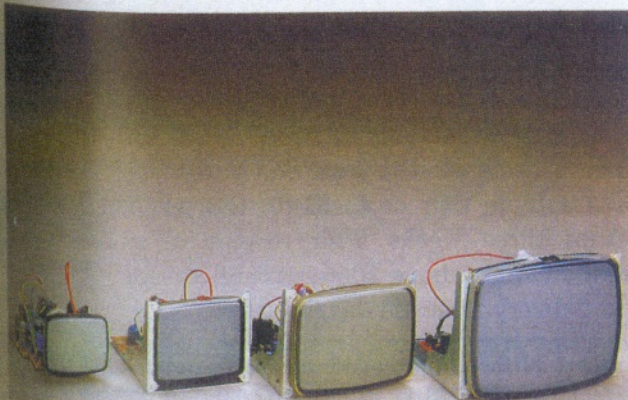
GM-1211



KD-1401



GM-1201



5" to 14" Open Frame Displays

* We can match your display requirements, and back them up with reliability, service, and a competitive price.

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Do you have difficulties in sourcing your exact requirements in personal computers and color monitors? We can help you get exactly what you want. Our personal computers are very versatile. Our monitors (CRT) feature sixteen colors and are available in a wide range of sizes. Your own packaging arrangements are acceptable. For details, please contact us as soon as possible.



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Your Most Complete Selection of Computers and Accessories

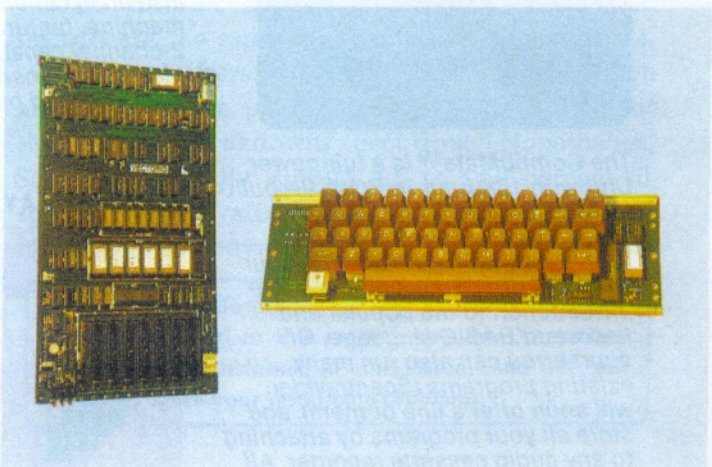
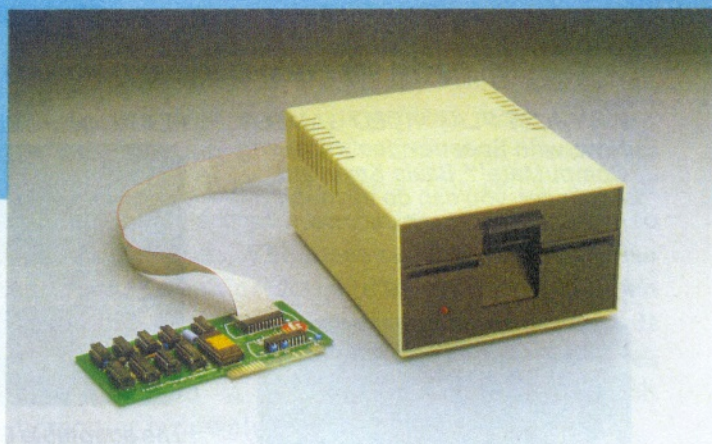


Our Product Range Includes:

- Apple® compatible microcomputers
- Electronic components for Apple® compatible micro-computers
- PCBs, RAMs, ROMs
- Power supplies
- Keyboards
- Cases
- Cards (6809, AD/DA, Music Card, IE488, Wild Card, 128/C, Ram Card.)
- Joysticks
- Monitors (Sharp, Kaga, BMC)
- Cooling fans
- Disk drives (Teac, Shugart, National, Alps)
- Manuals
- Printers (Epson, Tec)

Apple is a registered trademark of Apple Inc.

Over 7 years of experience in the audio business has well prepared us for entry into the computer and computer accessories field. We now specialize in the supply of both 48K and 64K on board Apple® compatible computers, disk drives, printers, and monitors (both green and color), as well as acting as the distributors for Japan Datalife and 3M diskettes. Our customers span the globe — wouldn't you like to join them? Please send today for full details on our entire line-up.



HANDJADE COMPANY LIMITED

Shop No. 57, 1/F., 94, Yen Chow Street, Golden Shopping Centre, Shamshuipo, Kowloon, Hong Kong.
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Tel: 3-789975
Telex: 51456 NKECO HX

P-40

Super 5

T-40

A-40

T-80

HIGH QUALITY APPLE COMPATIBLE DISK DRIVES

PLUS 80 COLUMN DOT MATRIX PRINTERS

Super 5 (green)/Super 5 (red) Slim Mini-Floppy Disk Drives

- Capacity: 163K bytes
- No. of tracks: 40
- Average access time: 93ms - 180ms
- Track to track access time: 6ms - 12ms
- Data transportation speed: 250K bits/second
- Disk rotation speed: 300 RPM
- Mean time between failures: over 8,000 hours
- Dimensions: 148 (W) x 42 (H) x 215 (D) mm
- Net weight: less than 2.3kg

Super 5W (red) Slim Mini-Floppy Disk Drive

- Double the capacity of Super 5
- Formatted capacity: 327K bytes
- No. of tracks: 80
- No. of sectors/track: 13 or 16
- Disk rotation speed: 300 RPM
- Track density: 48 TPI
- Track to track time: less than 6 msec
- Dimensions: 149 (W) x 45 (H) x 210 (D) mm
- Net weight: 2.14 kg



Super 5-CP80 Dot Matrix Printer

- Designed for use with personal and small business computers
- Adjustable sprocket pin and friction feeds
- 640 graphic dots/line for ultra-high density and legibility
- Slide to stratification head for accurate printing
- Cartridge ribbon
- Economical
- Dimensions: 377(W) x 295(D) x 125(H) mm

Super 5



A & N ENTERPRISE CO., LTD.

Western Centre, 20th Floor, 40-50
Des Voeux Road West, Hong Kong
Telex: 65218 MCLWW HX
Tel: 5-488463, 5-497921

Our Super 5 series of high quality Apple® compatible disk drives includes the Super 5 (green), Super 5 (red), and Super 5W (red). Other available peripherals are green monitors, dot matrix printers, computer cooling fans, and 32K printer buffers for Epson printers. Quality is consistently high. For full details, please contact us.

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Asian Sources Computer Products

DECEMBER 1983

Micros: 16-bit battle plan;
data cassette recorders;
hard disks; videotext
hardware; plotters;
news and more ...



CX CARGO
The Swire Group

JUST BORN!

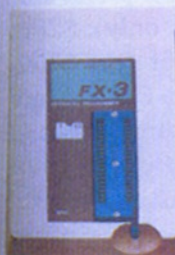
A NEW GENERATION PROGRAMMER FOR CURRENT AND FUTURE DEVICES.

FX-1



■FX-1=2716, 2732, 2732A, 2764,
2764A, 27128, 27128A, 27256,
27C256

FX-3



■FX-3=8751

FX-2



■FX-2=8748, 8741A, 8749H, 8742,
8748H, 8755A

GANG

(FX-4; FX-5)



■GANG(FX-4; FX-5)=2716, 2732,
2732A, 2764, 2764A, 27128,
27128A, 27256, 27C256



INTELLIGENT PROGRAMMER PKW-1000

The desktop programmer goes perfectly portable!

AVAL'S PKW-1000 Intelligent Programmer carries the PKW Series to a new high in the industry. Intelligent, the PKW-1000 uses a programmable power supply to make it current and future device compatible. Exchange of the system ROM is easy.

Many outstanding features.

- 64kbyte buffer RAM handles and edits vast amounts of data.
- Offers generous self-diagnostics including adapter, program voltage and other checks.
- New programmable power supply meets requirements of all new devices.
- 18 character, 2-line LCD display.
- RS-232C and parallel I/O. (Centronics compatible).
- High-speed transfer of data from host CPU.

- One-touch changeable adapter for all-device flexibility.
- Easy change of system ROM means greater convenience for user.
- High-speed programming with 4 algorithms built-in, and can meet future programming requirements.
- CMOS RAM is used. Memory is battery back-up protected.
- Equipped with many transfer formats as standard. New formats will be added in the future.



AVAL CORPORATION

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TOKYO JAPAN 160
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CO. DUBLIN, IRELAND
TEL: 850533 FAX: 850031

SYSTEMS FOR EXPERTS AND BEGINNERS

FLOPPY DISC DRIVE

- CP/M® Operating System
- Two 5 1/4" Diskette Drives
- Single Side / Double Density
- 40 TPI
- 120 Pages/Diskette

TRITON 64



Dual FDD

COMPUTER

- Microsoft™/Triton Operating System
- CP/M® Capabilities
- 512 Character Graphic Set
- 7 Peripheral Ports
- 4 Video Resolution Modes
- 64K User RAM
- Z80A 8 Bit Processor
- Selectable 40 or 80 Column x 24 Lines
- 16 Colors
- 3 Sound Channels
- Remote Control Cassette



Computer

AQUARIUS

HOME COMPUTER SYSTEM

This Z80A processor-based system is designed for the first time user. The system can be inexpensively expanded as the user progresses. When fully expanded to 64K bytes of RAM, it is a powerful system — capable of handling complex programs and games.



Data Recorder



Mini-Expander

There is an array of educational, home management, self-improvement and entertainment aquarius software already available, with more being added each month.



40 Column Printer



Peripherals available soon include dual 5 1/4" disc drives, 4 color printer, modem, appliance control console — and more.

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Microsoft™ is a registered trademark of Microsoft Inc.

Radofin Electronics (F.E.) Limited

6 Shing Yip Street, Kwun Tong,
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THE IDEAL PERSONAL COMPUTER SYSTEM THAT GROWS WITH YOU



PENCIL II

CPU Z80A, maximum memory capacity 40K bytes ROM, 80K bytes RAM, 16 colour, high graphic resolution 256 x 192 pixels. 3 sound synthesisers for musical tones and sound, 1 independent noise synthesiser for special sound effect. 59 Keys keyboard including 6 user-defined function keys and cursor control keys.

- Peripherals
- Memory Expansion Pack.
 - *CP/M Floppy Disk Drive System.
 - Data Cassette Recorder.
 - Centronic Parallel Printer.
 - Game Cartridge Adaptors.
 - Wide Range of Software Programs.
 - Telephone Modem.
 - And More To Come



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CABLE: SOUNDFAST HONG KONG

IBM Compatible Personal Computers



PC-301 Copam Intelligent

- * IBM® compatible
- * CPU: 8088
- * Disc drive card included – operates up to 4 drives
- * Color display card included – for RGB, color, monochrome, and B/W monitors
- * Multi-function card included – on-board 128K RAM can be expanded to 256K
- * 2 RS-232 ports, 1 parallel printer port, and 1 clock/calendar port
- * Disk drive: DSDD, 327K bytes
- * MS-DOS licensed by Micro-Soft Corporation

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 Apple II is a registered trademark of Apple Computer Inc.
 CP/M is a registered trademark of Digital Research Inc.



BASE-64A

- * 64K type, Apple II® compatible
- * 51 function keys, 27 one-key commands
- * Uses two languages: English plus German, French, Spanish, Arabic, or Hebrew



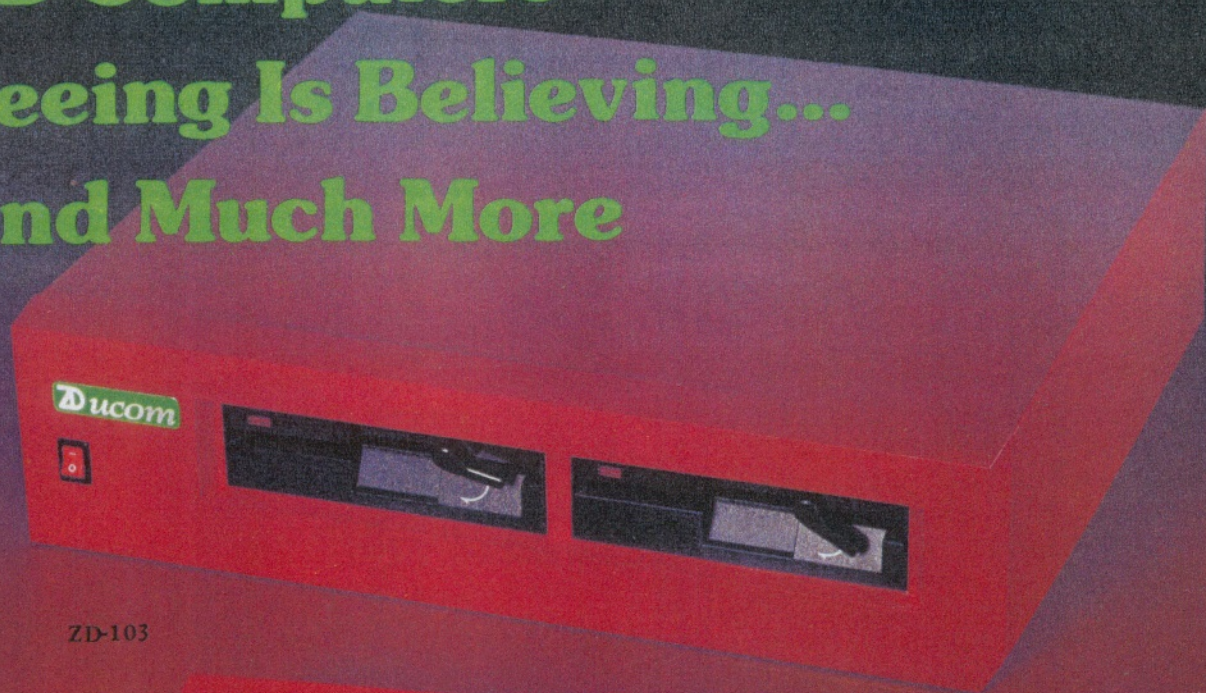
BASE-64D

- * Dual CPU (6502 + Z-80A) for Apple II® and CP/M® compatibility
- * Detachable keyboard: 67 keys with numerical keypad and 27 function keys
- * Upper/Lower case keys
- * Competitively priced

COPAM ELECTRONICS CORP.

P.O. Box 48 – 501 Taipei, Taiwan, R.O.C. Tel: (02) 762-0125/8, 764-8634.
 Telex: 13345 COPELEC.

ZD Computers – Seeing Is Believing... And Much More



ZD-103



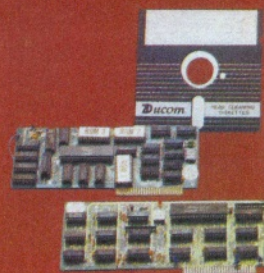
ZD-101



ZD-102



Monitor



Head Cleaning Kit &
Interface Card

Specifications:

- * Memory: 64K DRAM, 14K ROM
- * Processor: dual, CPU Z-80A plus 6502 or 6809
- * Keyboard: standard typewriter type with numerical keypad and 26 function keys. All upper/lower case keys feature auto-repeat.
- * Model ZD-103 features a detached keyboard, optional dual built-in disk drives, and a choice of colors: red, black, or ivory
- * All models feature power and functions at an affordable price



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WW-009



WW-005



WW-003



WW-007



WW-001



Joystick Extension Cable

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Paddles

16 Pin Connectors

For Top Computer Accessory Profits, Source Our High Quality Joysticks

We specialize in the manufacture and export of joy-sticks, parts, and computer peripherals. Joystick parts are also available. We accept orders of any size; in addition, OEM orders are most welcome. The high quality of our products are guaranteed, as is their competitive price. For further details, please get in touch. Your own specifications are acceptable.



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Asian Sources

APRIL 1985

Computer Products

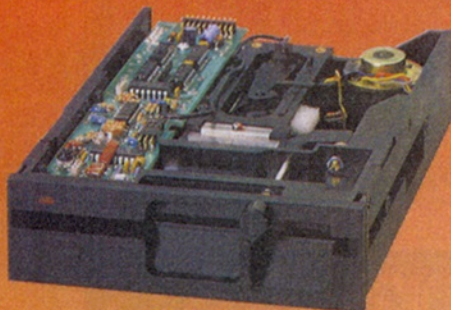
Games/educational software: ROM-based games dominate; Hsinchu Park update; printer accessories; Commodore add-ons; printer/typewriters; color terminals; and more



Computer Products Which Outperform and Outprice the Competition

LASER 3000 FEATURES:

- Apple® II Software compatibility.
- 64K Byte RAM expandable to 192K Byte.
- Built-in 32K Enhanced MICROSOFT® BASIC.
- Built-in 40/80 column text display.
- Built-in Centronics printer interface.
- 280H X 192V Apple® compatible graphics display.
- 560H X 192V Super high resolution graphics display.
- 280H X 192V RGB Bit-image graphics display.
- Wide range of optional LASER peripherals including floppy disk controller and drives, joysticks, TV interface, printer/plotter etc.



LASER FDM SERIES 5.25" FLOPPY DISK DRIVE

The only drive good enough to put your name on

- Half-height design
- Low cost
- Precise band positioner
- Reliable data read/write
- 6 or 12 millisecond track to track access time
- FDM 110 for APPLE® II compatible interface
- FDM 130 for single-sided, industry standard interface
- FDM 145 for double-sided, industry standard interface, compatible with IBM PC/XT®



GAMMA FD 100 SINGLE FLOPPY DISK DRIVE

Specially designed to match perfectly with APPLE® II or compatible computers

- APPLE® DISK II compatible
- Half-height design
- Low cost
- Precise band positioner
- Track 00 sensor design eliminate recalibrate noise
- Reliable data read/write
- 12 millisecond track to track access time
- 160K byte storage capacity



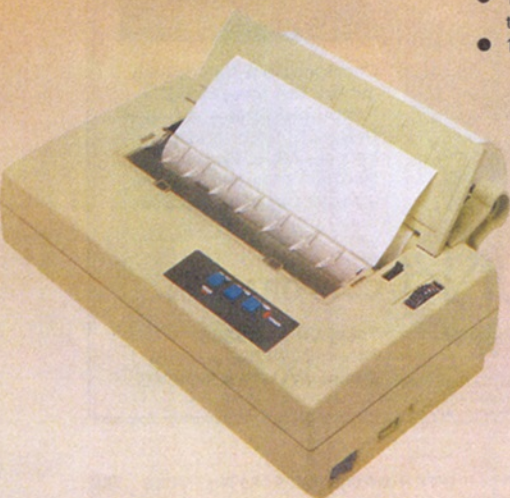
GAMMA FD 100c SINGLE FLOPPY DISK DRIVE

Specially designed to operate with both APPLE® II and APPLE® IIc computers

- Cabinet color match with the APPLE® IIc
- Cable adaptor lets you connect the drive for APPLE® IIc
- Low cost
- Precise band positioner
- Track 00 sensor design eliminate recalibrate noise
- Reliable data read/write
- 12 millisecond track to track access time
- 160K byte storage capacity

THERMAL PRINTER

- Printing method: Thermal transfer
- Printing format: Alpha-numeric & Bit image graphic.
- Dot graphic density: Normal — 720 dots
Dual density — 1440 dots
- Printing speed: 30 cps
- Character types: 2 different type styles including standard ASCII, and 11 international character sets.
- Columns/line: 80
- Paper feed: Friction feed
- Power: External adaptor/Battery (UM1 X 4)
- Interface: Centronics bus compatible/C64 compatible
- Cassette Ribbon life time: 50,000 characters
- Buzzer: Beep for power up and error



LASER 310

- Z80A running at 3.541414MHz

- Ram - 128 bytes Microsoft[®] BASIC Interpreter

- Ram - 128 bytes

- Text mode - 32 columns X 16 rows

- Graphics - 128 X 64 dots (3colors)
- 64 X 32 dots (9colors)

- 9 colors - green, yellow, blue, red, buff, cyan, magenta, orange, black

- 45-key full stroke keyboard, with space bar

- Full on-screen editing

- Single channel sound output

- Cassette interface at 600bps

- RF output to TV. (PAL UHF, NTSC, SECAM SYSTEM available)

- Video output to monitor

OPTIONAL EXPANSIONS & PERIPHERALS:

- 128K bytes memory expansion module
- 64K bytes memory expansion module
- Centronics printer interface
- Joysticks
- Light Pen



LASER 50

- Educational computer
- Inexpensive but with everything built-in

TECHNICAL SPECIFICATION

- 2 custom-made LSI
- Battery operated and low power consumption
- Built-in cassette interface
- Built-in buzzer
- Auto power off

DISPLAY

- 16 characters LCD (Liquid Crystal Display)
- and symbols of operation conditions

KEYBOARD

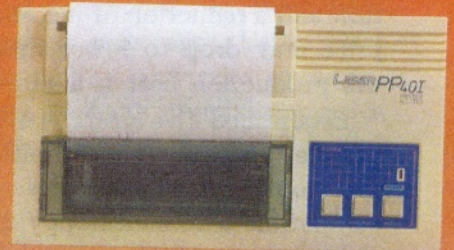
- Full size full-stroke keyboards (50 keys)
- Single key entry

TWO IN ONE-COMPUTER AND CALCULATOR

- Program language - BASIC
- Program capacity - maximum 10 program
- programs retained after power off
- Scientific calculations with single key entry
- Line editing

OPTIONAL EXPANSIONS AND PERIPHERALS

- 4K bytes memory expansion module
- Thermal printer
- Printer plotter
- Data cassette



Our in-house assembly lines easily adapt to products with the most demanding specifications. With full lines continuously in operation, your order is guaranteed to reach you on time. We have modern plastic injection machines to produce precision and critical plastic parts. Automated processes speed up and improve the quality of standard electronic procedures. To eliminate human error, we use computers to test a wide range of essential components. Tests are carried out not only before and after the manufacturing process but during assembly as well. All assembly products must pass vibration and shock tests. Environmental tests ensure that each product can withstand extremes of temperature and humidity. At Video Tech, our wealth of creative human resources and all the latest equipment to develop, thoroughly evaluate and test products before they go into production are at your service. But what you don't see here is probably the most important: our expertise is at your command for a very reasonable price. Why not talk to us today?



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2633 Greenleaf, Elk Grove Village, IL 60007 U.S.A.
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Asian Sources Computer Products

JUNE 1985

MSX micros: expanded range;
blank floppy disks; IBM add-on
cards; transportable micros;
switching power supplies;
portable terminals; and news



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Advanced Datum Information Corporation	21	Deyi Technology Co., Ltd.	147
Alchionlin Industries Co., Ltd.	118	Discmate (S) Pte. Ltd.	24
Alextar Taiwan Company	196	Dong Jun Ind. Co., Ltd.	166
Algol Enterprise Co., Ltd.	50	Ei-En Enterprise Co., Ltd.	90, 91
Ampex World Operations SA.	107	Elec & Eltek Company Ltd.	133
Asia Commercial Co., Ltd.	25, 89, 167	Elec & Eltek Computers Ltd.	97
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C. T. I. Incorporation.	35	Evergo Electronics Co., Ltd.	172, 173
CAF Computer Corporation	C-3	Evergreen Union Enterprise Co., Ltd.	106
CIS Technology Inc.	93	Expert Electronic Co., Ltd.	155
Cambridge Micro Computer Centre.	45	Fair Electronics Co., Ltd.	52
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Compower Technology Corporation	83	Golden Time Corp.	58
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Consumer Electronic (Japan) Co., Ltd.	8	Haruna Corporation.	121
Convergent Microsystems (HK) Ltd.	59	Ho Shin Sub-System Co., Ltd.	178
Copam Electronics Corp.	207	Hotel Meridien Singapore	201
Corton Engineering Co.	112	Ideal Technology Co., Ltd.	54
Cosmic Co., Ltd.	14	Idealcom Computer Industrial Co., Ltd.	128
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Dai-Ichi Shoji Co., Ltd.	193	Intrasource Development Inc.	82
Daiichi Manufacturing Co., Ltd.	81	Island Computer Inc.	42
Datanet Ltd.	136	Itec Co., Ltd.	92

Japan Electronics	161	Pofa Technology Corp.	146
K.K. Ewig Shokai	160	Prima Enterprises Corp.	127
K.S. Brotherbox Co., Ltd.	163	Promas Computer Centre Ltd.	102
Kai Shoji Corp.	43	R.P.T. Intergroups International Ltd.	33
Kanto Denshi Corporation	37	Radofin Electronics (Far East) Ltd.	195
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Komori Electronics Co., Ltd.	68	Shinyful Industries Corp.	150
Koolshade Industries Ltd.	117	Shiuh Enterprise Co., Ltd.	29
Kouwei Electronic Corp.	140	Showa Engineering Co., Ltd.	104
Kuk II Electronics Co., Ltd.	125	Sigma Designs Hong Kong Ltd.	202, 203
Kun Ying Enterprise Co., Ltd.	135	Six Circle Co., Ltd.	188
Lai Lai Sheraton Hotel	199	Sun Up Computer Company Ltd.	19
Laser Computer Limited	87, 143	Sunday Computer Co.	161
Laser Micro-Systems Corp.	110, 111	Sunhwa Computer Co., Ltd.	83
Luks Industrial Co., Ltd.	170	Sunkyoung Chemical Limited	1
Lung Hwa Electronics Co., Ltd.	31	Supertron Electric Co., Ltd.	61
Lyi-Cheng Enterprise Company Ltd.	174	Supremia Systems Ltd.	139
Main Power Enterprise Co., Ltd.	175	System Industrial Co., Ltd.	119
Matsumura Electronics Co., Ltd.	108	System Sacom Inc.	181
Maxshiny Enterprise Co., Ltd.	134	T.E. Electronics Co., Ltd.	108
Maxtion Enterprise Co., Ltd.	196	TDK Corporation	208
Media Technology Ltd.	197	TS System Engineering Ltd.	78
Micro Research Incorporated	192	Taiwan Bor Ying Industrial Co., Ltd.	27
Micron Computer Co.	156	Taiwan Ferrite Co., Ltd.	96
Midasonic Industrial Co., Ltd.	62	Taiwan Mycomp Co., Ltd.	55
Mitac Inc.	2, 3	Taiwan Pulse Electronics Corp.	128
Mitsuboshi Boeki Limited	180	Teac Corp.	198
Modern Computer Corp.	124	Team Technology Inc.	15
Modern Development Co., Ltd.	158	Tom Plastic Co., Ltd.	120
Molex Far East Management Ltd.	53	Toshiba Corporation	57
Monterey International Corp.	69	Trigem Computer Inc.	171
Moretec Electronics Industrial Co., Ltd.	51	Tripole Electronic Industries Co., Ltd.	200
Morse Data Products, Corp.	26	Tung Chung Computer Co., Ltd.	74
Multitech Industrial Corp.	C-2	Turn-Point Science Technique Co., Ltd.	28
NEC Corporation	C-4	Unitec Inc.	60
NPS Incorporated	72	Unitech Computer Co., Ltd.	132
Nakanishi Industrial Co., Ltd.	162	Upright Enterprise Co., Ltd.	64
New Micro Industry Corp.	188	Vic Trading Co.	36
New Power Company	187	Video Technology Ltd.	6, 7
Newtech Co., Ltd.	63	Visicom Company Ltd.	66
Nihon Digital World Corporation	36	W.H. Trading Co.	18
Nihon Office Communications Inc.	119	Weic Business Co., Ltd.	177
Oceanic Electronics Corp.	170	Welltronix Co., Ltd.	141
Oriental Precision Co., Ltd.	101	The Westin Chosun Hotel	194
P & C Shiten Enterprise Co., Ltd.	151	Woei Tzann Co., Ltd.	193
PAL Company Limited.	141	YKH Computer Company Ltd.	67
Peripherals Enterprise Co., Ltd.	100	Yih Lung Ent. Co., Ltd.	40
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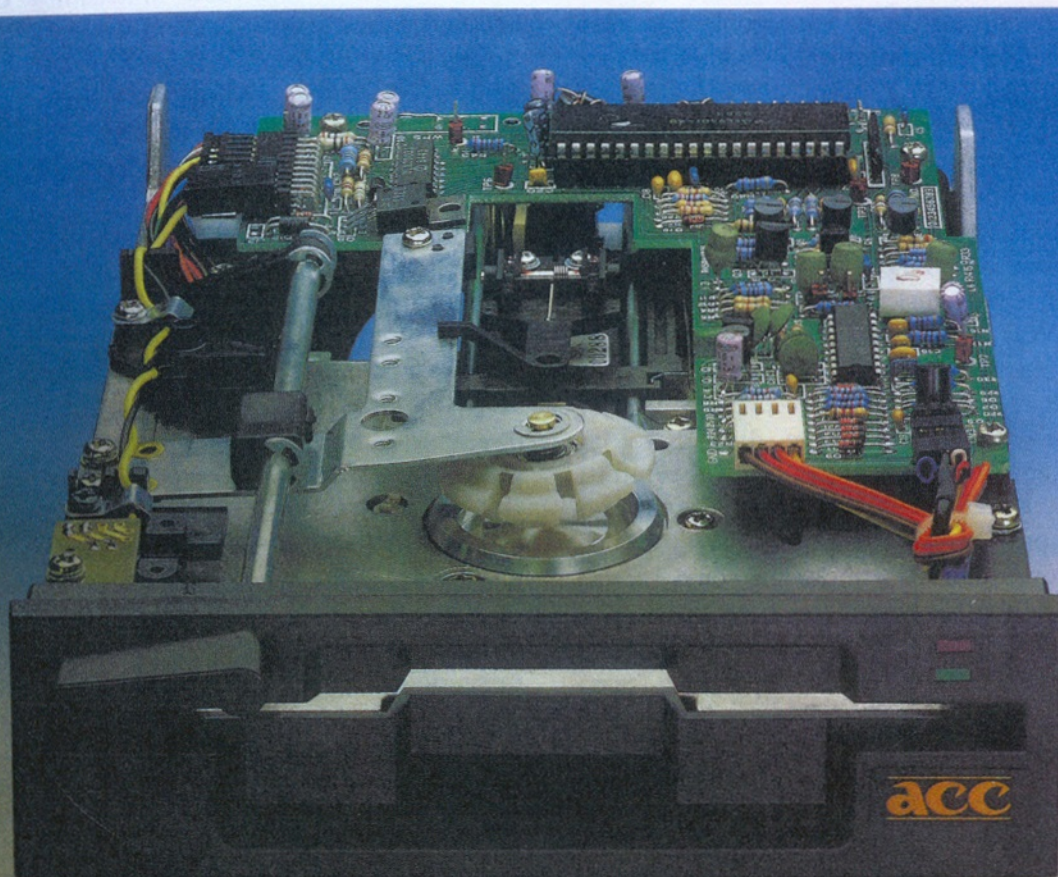


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	Formatted (Kbytes) (16 sectors/track)		—	164	164	328	164	328	328	656
Recording Density (BPI)			2768	5536	2938	5876	2961	5722	2961	5722
Data Transfer Rate (KBPS)			125	250	125	250	125	250	125	250
Track Density (TPI)			48	48	48	96	96	96	96	96
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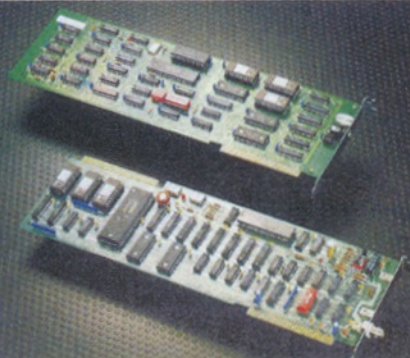
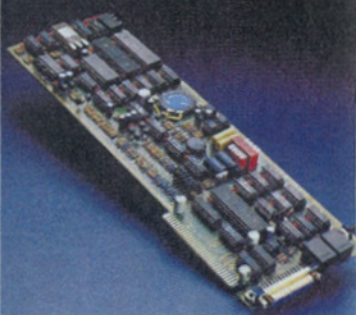
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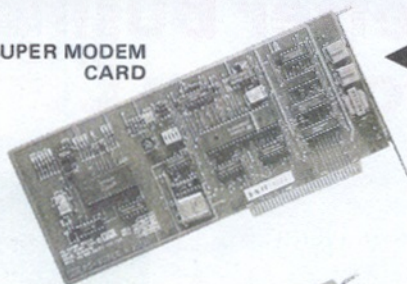
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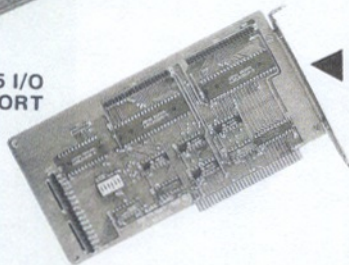
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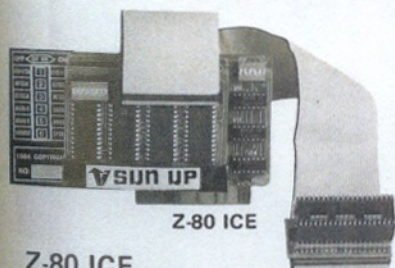
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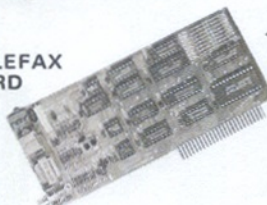


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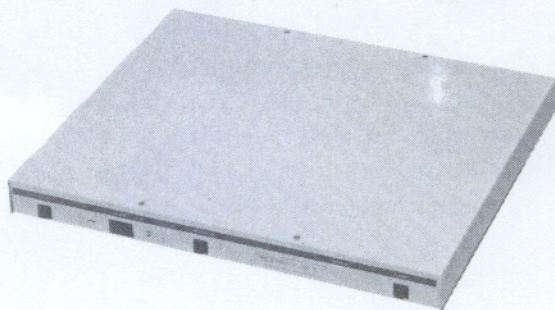
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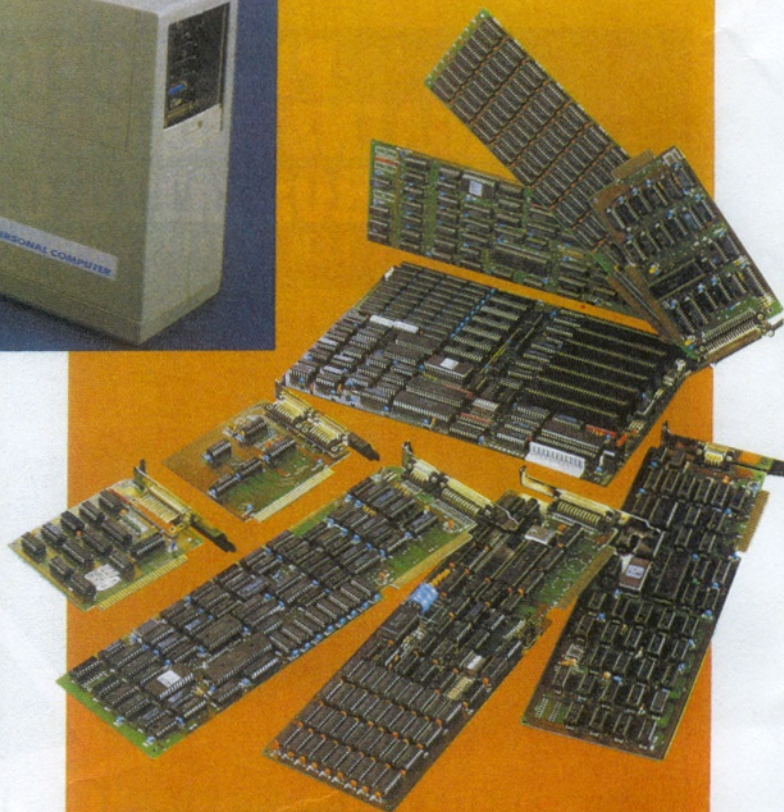
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